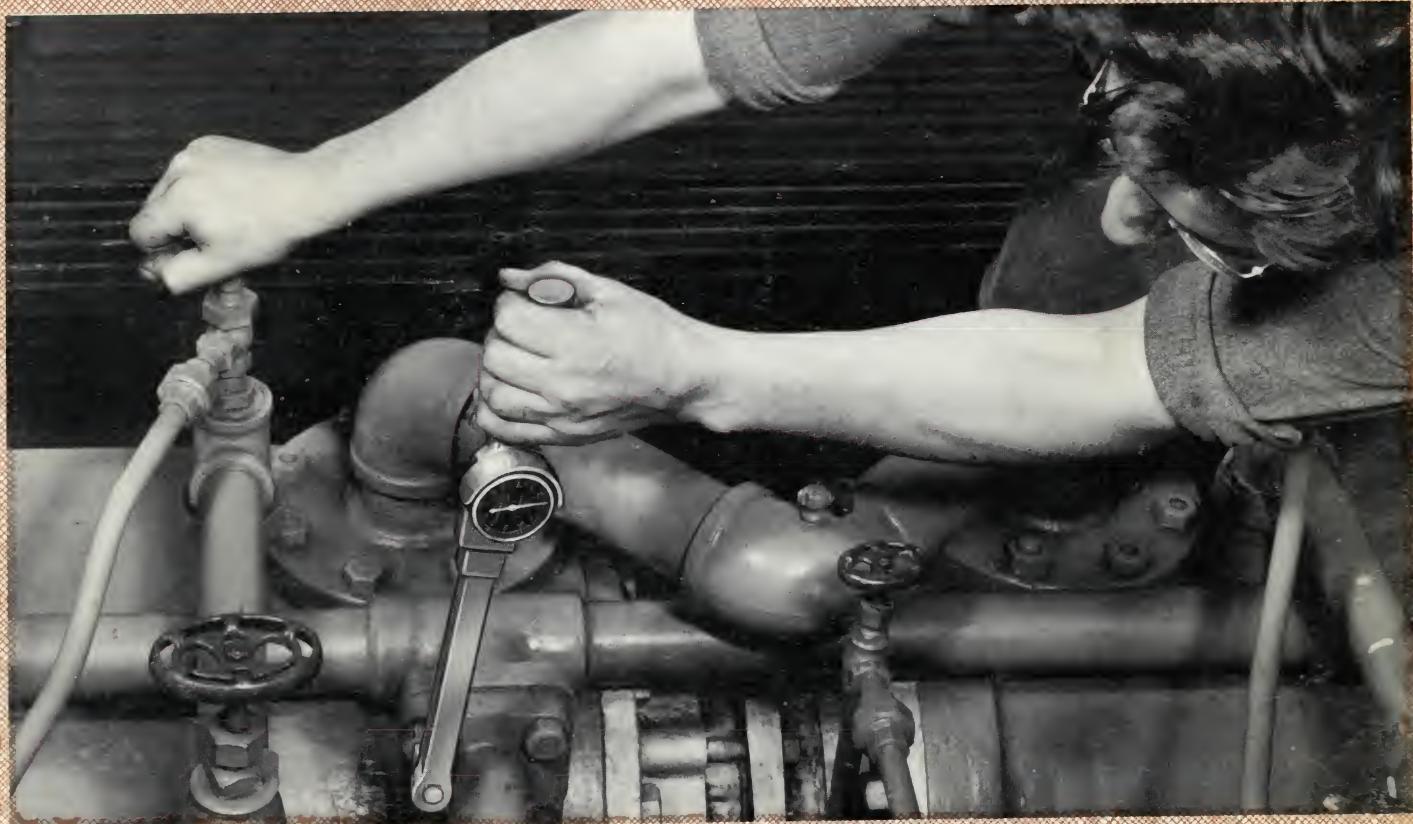


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APCO MOSSBERG COMPANY

ATTLEBORO, MASSACHUSETTS — U.S.A.

Less 50%

APCO MOSSBERG TORQUE TOOLS - APCO MOSSBERG

DIAL TYPE

Dial indicator type is used on Torque range requirements above 100 inch pounds and particularly on ranges above 100 foot pounds because the wrench is lighter and the length of the handle arc in operation is far less than on the quadrant type. Square drive is reversible, to enable operator to read up or down.



0-100 inch pounds DI-100
0-250 inch pounds DI-250



DI-600 (0-600 inch pounds), DF-50 (0-50 foot pounds),
DI-1200 (0-1200 inch pounds),
DF-100 (0-100 foot pounds).



DI-1800 (0-1800 inch pounds), DF-150 (0-150 foot pounds),
DF-175 (0-175 foot pounds), DI-2400 (0-2400 inch pounds),
DF-200 (0-200 foot pounds).

PATENT NUMBERS
2185945
2196223
2348098



DF-250 (0-250 foot pounds), DI-3600 (0-3600 inch pounds), DF-300
(0-300 foot pounds), DI-5000 (0-5000 inch pounds), DF-425 (0-425
foot pounds).



DF-600 (0-600 foot pounds), DF-1000 (0-1000 foot pounds)



TDF-600 2 man 0-600 foot pounds



DF-2000 (0-2000 foot pounds)

APCO MOSSBERG COMPANY

ATTLEBORO, MASS., U.S.A.

Key to stock number symbols — D-Dial, F-Foot Pounds, I-Inch Pounds

INCH POUNDS

Catalog No.	Range	Graduation Steps	Sq. Drive	Weight	Length	List Price
DI-100	20-100	1 inch lb.	1/4 or 3/8 in.	12 ozs.	10 3/8"	\$30.00
DI-250	0-250	5 inch lbs.	1/2 inch	1 lb.	12 1/2"	30.00
DI-300	0-300	5 inch lbs.	1/2 inch	1 lb.	11"	30.00
DI-600	0-600	20 inch lbs.	1/2 inch	1 1/4 lbs.	12 3/4"	30.00
DI-1200	0-1200	50 inch lbs.	1/2 inch	1 1/2 lbs.	15 3/4"	30.00
DI-1800	0-1800	50 inch lbs.	1/2 inch	1 1/2 lbs.	15 3/4"	32.00
DI-2400	0-2400	50 inch lbs.	1/2 inch	3 lbs.	19"	32.00
DI-3600	0-3600	100 inch lbs.	3/4 inch	4 3/4 lbs.	35 1/4"	68.00
DI-5000	0-5000	100 inch lbs.	3/4 inch	9 lbs.	28 1/2"	125.00



FOOT LBS.

Catalog No.	Range	Graduation Steps	Sq. Drive	Weight	Length	List Price
DF-25	0-25	1 ft. lb.	1/2 in.	1 lb.	11"	\$30.00
DF-50	0-50	1 ft. lb.	1/2 inch	1 1/4 lbs.	12 3/4"	\$30.00
DF-100	0-100	5 ft. lbs.	1/2 inch	1 1/2 lbs.	15 3/4"	30.00
DF-150	0-150	5 ft. lbs.	1/2 inch	1 3/4 lbs.	15 3/4"	32.00
DF-175	0-175	5 ft. lbs.	1/2 inch	1 3/4 lbs.	15 3/4"	32.00
DF-200	0-200	5 ft. lbs.	1/2 inch	3 lbs.	19"	32.00
DF-250	0-250	5 ft. lbs.	3/4 inch	4 3/4 lbs.	26 3/4"	40.00
DF-300	0-300	5 ft. lbs.	3/4 inch	4 3/4 lbs.	28 1/2"	68.00
DF-425	0-425	5 ft. lbs.	3/4 inch	9 lbs.	35 1/4"	125.00
DF-600	0-600	10 ft. lbs.	3/4 inch	111 lbs. 3 ozs.	42 3/8"	125.00
DF-1000	0-1000	50 ft. lbs.	1 inch	21 lbs.	50 1/4"	125.00
DF-2000	1-2000	50 ft. lbs.	1 inch	47 lbs.	98"	175.00

2 MAN TYPE

TDF-600	0-600	10 ft. lbs.	3/4 inch	9 lbs.	51"	\$150.00
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QUADRANT TYPE

METAL
SCALE

Quadrant or metal scale type is accurate to within 2½% of each dial reading on all Wrenches under 60 inch pounds and within 5% over 60 inch pounds.

Quadrant type is used because of lightness in weight in measuring low range torque requirements.



**0-280 inch grams
and 0-30 inch ounces**

PATENT NUMBERS

2185945

2196223

2348098



0-100 INCH OUNCES

Generally used for Radio, Communications, Carburetors and Precision Instruments.



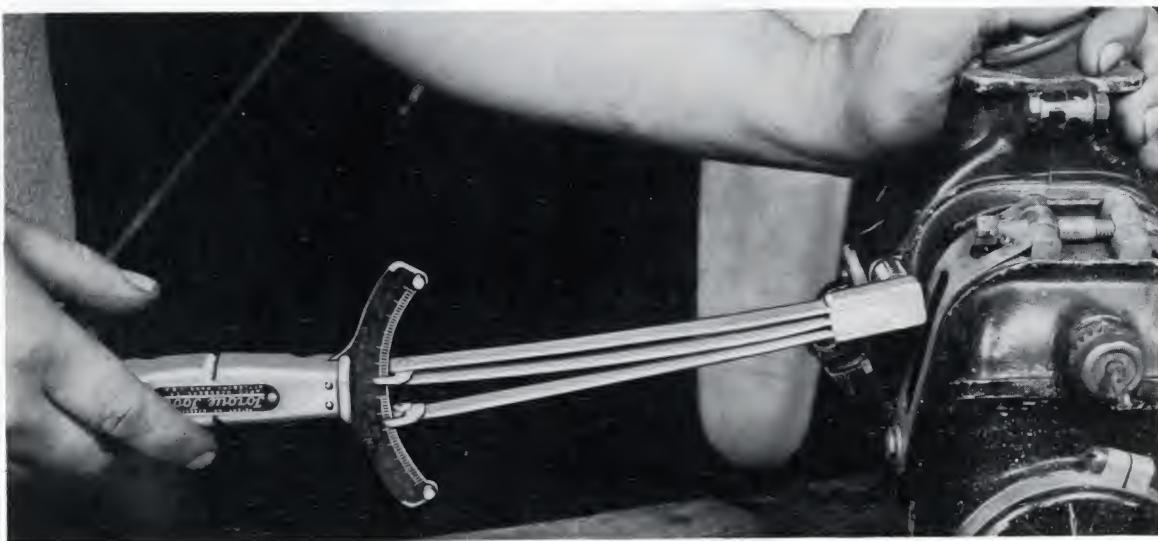
0-15, 0-30, 0-60, 0-100, 0-250 INCH POUNDS

Especially adapted to all light assembly, Electrical Work and Lubricating Lines.

APCO MOSSBERG COMPANY

ATTLEBORO, MASS., U.S.A.

Catalog No.	Range	Graduation Steps	Sq. Drive	Weight	Length	List Price
SG 280	0-280 in. grams	7 in. grams	1/4 inch	8 oz.	9 in.	\$30.00
SO 30	0-30 in. ozs.	5 in. oz.	1/4 inch	5 oz.	9 in.	30.00
SO 100	0-100 in. oz.	4 in. oz.	1/4 inch	3 1/4 oz.	8 3/4 in.	15.00
SP 15	0-15 in. lbs.	1 inch lb.	1/4 inch	8 oz.	12 in.	15.00
SP 30	0-30 in. lbs.	2 inch lb.	1/4 inch	8 1/2 oz.	12 in.	15.00
SP 60	0-60 in. lbs.	2 inch lb.	1/4 inch	8 3/4 oz.	12 in.	15.00
SP 100	0-100 in. lbs.	4 inch lb.	1/4 inch	11 1/2 oz.	14 1/4 in.	15.00
MP 250	0-250 in. lbs.	10 inch lb.	1/2 inch	1 lb. 2 oz.	16 in.	15.00



Approximate Torque required to twist off screws at root diameter made of materials with a tensile strength of 100,000 lbs. per square inch. 4/5 of the Torque is a safe load.

U.S.S. THREADS		S.A.E. THREADS		Steel—100,000 tensile Machine Screws	Brass—70,000 tensile Machine Screws
Screw Diameter	Inch Pounds	Screw Diameter	Inch Pounds	No. 2-64 4 1/2 in. lbs.	3 in. lbs.
1/4 —20	99	1/4 —28	133	No. 4-36 7 in. lbs.	5 in. lbs.
5/16 —18	215	5/16 —24	270	No. 4-40 8 in. lbs.	5 1/2 in. lbs.
3/8 —16	398	3/8 —24	519	No. 6-32 15 in. lbs.	10 1/2 in. lbs.
7/16 —14	649	7/16 —20	814	No. 8-32 30 in. lbs.	21 in. lbs.
1/2 —13	1004	1/2 —20	1290	No. 10-32 53 in. lbs.	37 in. lbs.
5/8 —12	1468	5/8 —18	1844	No. 12-24 70 in. lbs.	49 in. lbs.
5/8 —11	2043	5/8 —18	2650	No. 12-28 80 in. lbs.	56 in. lbs.
3/4 —10	3737	3/4 —16	4695		
7/8 — 9	6131	7/8 —14	7495		
1" — 8	9228	1" —14	11699		
1-1/8 — 7	12981	1-1/8 —12	16495		
1-1/4 — 7	18879	1-1/4 —12	23347		
1-1/2 — 6	33305	1-1/2 —12	42289		
1-3/4 — 5	51869				
2" — 4 1/2	78541				

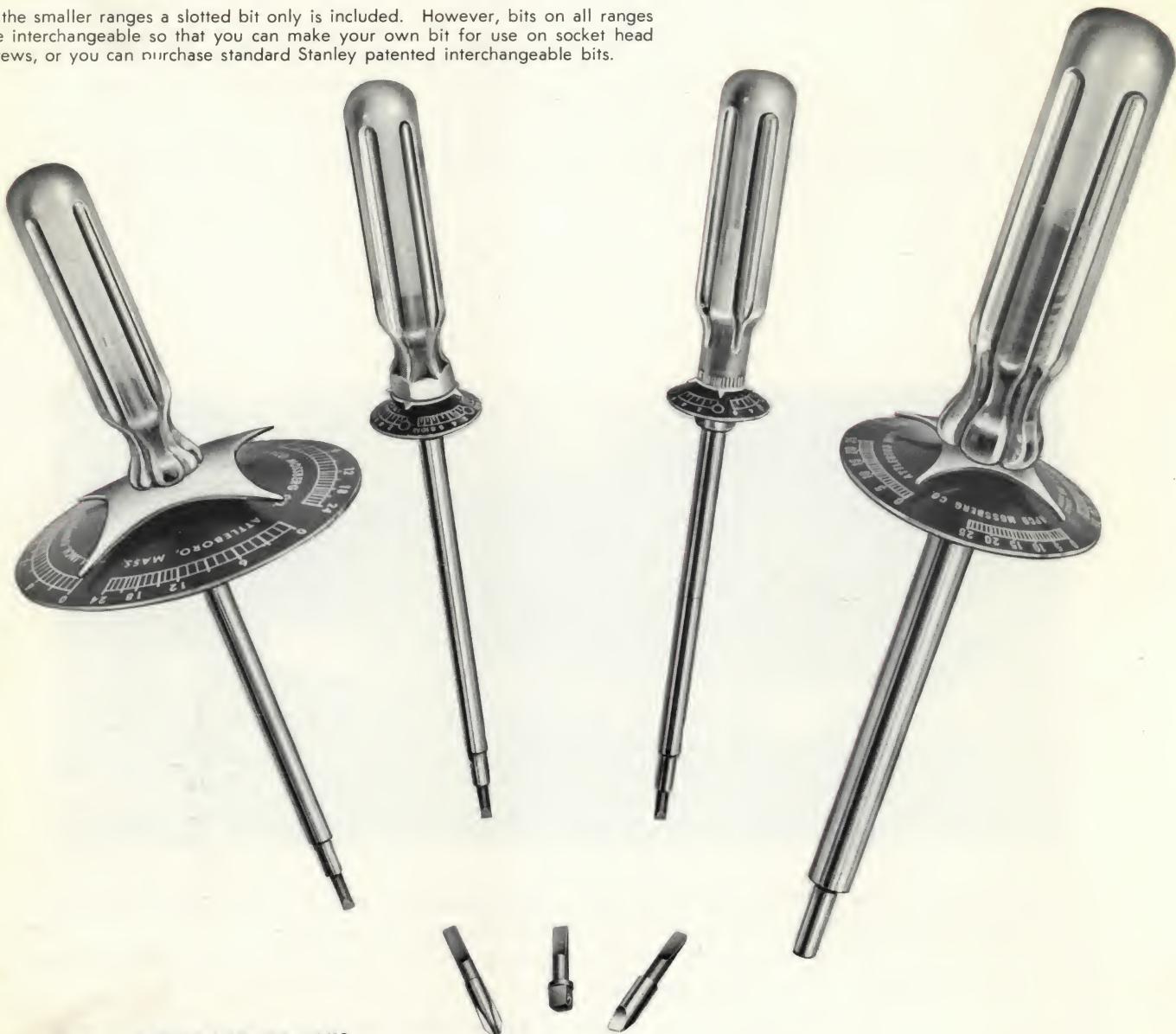
NOTE: — For materials of any other tensile strength, the torque required to twist off screw is directly proportional to the tensile strength.

See Book on "Facts and Figures" concerning Safe Torque.

Torque Screw Driver or Vertical Torque Tool

Set consists of one torque screwdriver holder and a complement of suggested bits. In the larger ranges a slotted bit, a square drive and a Phillips bit included. (B12, B25, B80).

In the smaller ranges a slotted bit only is included. However, bits on all ranges are interchangeable so that you can make your own bit for use on socket head screws, or you can purchase standard Stanley patented interchangeable bits.



STANDARD RANGES

INCH GRAMS

Stock No.	Dial Range	Measuring Graduations	Direction	Dial Dia.	Weight Packed	List Price
G350	0-350"	25" gr.	Right and Left	3"	8 oz.	10.00
Grams						

Stock No.	Dial Range	Measuring Graduations	Direction	Dial Dia.	Weight Packed	List Price
G170	0-170"	14 1/4" gr.	Right and Left	3"	8 oz.	10.00
Grams						

INCH OUNCES

Stock No.	Dial Range	Measuring Graduations	Direction	Dial Dia.	Weight Packed	List Price
A6	0-6" oz.	1/2" oz.	Right	3"	8 oz.	8.50
A6 R&L	0-6" oz.	1/2" oz.	Right and Left	3"	8 oz.	8.50
A12	0-12" oz.	1/2" oz.	Right	3"	8 oz.	8.50
A12 R&L	0-12" oz.	1/2" oz.	Right and Left	3"	8 oz.	8.50
A24	0-24" oz.	1" oz.	Right	4"	8 oz.	8.50
A24 R&L	0-24" oz.	1" oz.	Right and Left	4"	8 oz.	8.50
A48 R&L	0-48" oz.	2" oz.	Right and Left	4"	8 oz.	9.50
A96 R&L	0-96" oz.	4" oz.	Right and Left	4"	8 oz.	9.50

INCH POUNDS

Stock No.	Dial Range	Measuring Graduations	Direction	Dial Dia.	Weight Packed	List Price
B6	0-6" lbs.	1/2" lb.	Right	3"	8 oz.	8.50
B6 R&L	0-6" lbs.	1/2" lb.	Right and Left	3"	8 oz.	8.50
B12	0-12" lbs.	1/2" lb.	Right	3"	8 oz.	8.50
B12 R&L	0-12" lbs.	1/2" lb.	Right and Left	3"	8 oz.	8.50
B25	0-25" lbs.	1" lb.	Right	3"	13 oz.	8.50
B25 L	0-25" lbs.	1" lb.	Left	3"	13 oz.	8.50
B50	0-50" lbs.	2" lbs.	Right	3"	14 oz.	10.00
B80	0-80" lbs.	5" lbs.	Right	3"	16 oz.	16.00

NOTE: All bits are removable so that special bits can be applied. All "G" and "A" numbers are furnished with one bit. All "B" numbers are furnished with one slotted bit, one recessed bit, and one square drive.

Hose Clamp Torque Wrenches

STOCK NO. T-40

Patented design combines 3 pre-set torque loads in one wrench. 15 inch pounds, 25 inch pounds and 40 inch pounds.

By setting dial to one of the above torque loads the wrench can be heard, felt and seen when desired torque is reached.

\$17.00 List Price

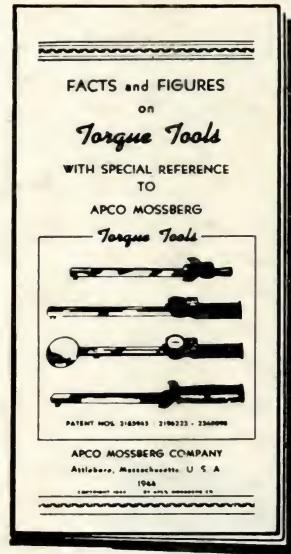


PT15 and PT25

Pre-set at factory to one torque load. Either 15 inch pounds or 25 inch pounds. When ultimate torque is reached, wrench snaps and will not torque beyond predetermined load.

\$10.00 List Price

FREE
BOOKLET on TORQUE
TOOL FACTS and
FIGURES



Apco Mossberg Engineers have compiled a 12 Page Booklet of tables, formulas and graphs to aid in determining relative shearing to torque machine screws, studs and nuts.

Besides presenting technical information for plant engineers, the booklet gives certain elementary definitions relative to torques, and offers recommendations for checking and maintaining Apco Mossberg torque tools.

Copies will be sent promptly on request.

APCO MOSSBERG COMPANY
ATTLEBORO, MASSACHUSETTS — U.S.A.

APCO MOSSBERG COMPANY

Distributors Net Price List

October 15, 1955

SPECIAL TOOLS

Stock No.	ITEM	Unit	Price Per C
748	Drain Plug Wrench.....	.50	\$42.00
752	Hub Cap Remover.....	.25	71.00

RIM WRENCHES

463	Single End Brace.....	.50	44.00
464	Single End Brace.....	.50	44.00
470	Double End Brace.....	.50	60.00
1650	4-Way 14½"	.25	53.00
1150	4-Way 16½"	.25	59.00
1250	4-Way 20"	.25	65.00
1750	4-Way 14½"	.25	60.00
1051	22" 4-Way .....	.25	80.00
1050	22" 4-Way .....	.25	145.00
1850	14½" 4-Way .....	.50	60.00
2050	Cadmium 4-Way 16½"	.50	70.00
4050	Polished Sockets 4-Way .....	.50	98.00
5050	Cadmium 4-Way, Heat Treated .....	.25	115.00
6050	4-Way Truck Wrench.....	.25	225.00
7050	Budd 2-Way .....	.20	185.00
8050	Heavy Duty .....	.20	415.00
2642	Wrench for Chev. Truck .....	.25	150.00
2643	Wheel Wrench for Ford .....	.25	45.00
2644	Wheel Wrench for Chrysler .....	.25	45.00
2647	Two-piece Truck Wrench .....	.25	145.00
2640	Brace .....	.10	210.00
2641	Brace .....	.10	210.00
2648	Two-piece Truck Wrench .....	.10	175.00

DOUBLE END SPARK PLUG WRENCHES

1	31/32 x 1-5/32.....	.50	25.50
2	1-1/32 x 1-5/32.....	.50	25.50
3	29/32 x 1-1/32.....	.50	25.50
4	29/32 x 31/32.....	.50	25.50
5	29/32 both ends.....	.50	25.50
8	1-1/32 x 27/32.....	.50	25.50
10	9/16 x 11/16.....	.50	25.50
101	21/32 x 27/32.....	.50	25.50
103	5/8 x 11/16 .....	.50	25.50

Above Spark Plug Wrenches are Bright Finish, Individually Boxed.

SINGLE END SPARK PLUG WRENCHES

6	1-1/32 (18mm) .....	.50	20.50
7	27/32 (14mm) .....	.50	20.50
9	29/32 (18mm) .....	.50	20.50
102	5/8 (10mm) .....	.50	20.50
104	Special for Chrysler, Dodge, DeSoto .....	.25	72.00

Above Spark Plug Wrenches are Bright Finish, Individually Boxed.

TWIN HEX Stock No.		Unit Pkg.	Price Per C
12	27/32	50	50.00
13	29/32	50	50.00
14	31/32	50	50.00
15	1-1/32	50	50.00
16	1-5/32	50	50.00

SPARK PLUG WRENCH SETS

490	(5 wrenches regular line).....	10	210.00
496	(5 twin hex & 10MM).....	10	245.00
498	4 reg. wrenches in fibre box.....	10	105.00

SPECIALTIES

908	Speeder Brace	10	105.00
358	Ratchet Wrench	10	235.00
910	Extension Bar	10	65.00
905	Extension Bar	10	60.00
742	All purpose bicycle wrench.....	25	70.00
741	Pedal wrench	25	40.00

TERMS:—2% 10 days. Net 30 days.

All prices quoted F.O.B. our Factory, Attleboro, Mass., with a freight allowance up to \$2.00 cwt. rail freight on shipments valued at \$60. net or over.

No freight allowed on 1650, 1150, 1250.

NOTICE—All shipments will be made subject to prices prevailing at the time of shipment.

NOTE. We reserve the right to increase or decrease orders on 4-ways and spark plug wrenches to unit quantities or the equal number of assortments to the box.

Printed in U. S. A.